

IN THE CLAIMS


Claim 9 has been amended as follows:

9. (Amended) A method to form bonding pad openings that prevent tape residue in the manufacture of an integrated circuit device comprising:

providing a semiconductor substrate;

5 depositing a passivation layer overlying said semiconductor substrate;

depositing an organic photoresist layer overlying said passivation layer;

 patterning said organic photoresist layer to expose
10 said passivation layer in areas where passivation openings are planned;

reflowing said organic photoresist layer to create gradually sloping sidewalls on said organic photoresist layer wherein said reflowing is performed at a temperature
15 of between 140 degrees C and 200 degrees C for a duration of between 3 minutes and 15 minutes;

etching through said passivation layer not covered by said organic photoresist layer to form said passivation openings with gradually sloping sidewalls;

20 stripping away said organic photoresist layer;

applying a protective tape overlying said passivation layer and said passivation openings; and
removing said protective tape wherein said gradually sloping sidewalls on said passivation openings allow the
25 protective tape to be completely removed without leaving adhesive residue.

Claim 13 has been amended as follows:

13. (Amended) The method according to Claim 9 wherein said step of removing said protective tape is by use of a peeling tape.

Claim 16 has been amended as follows:

16. (Amended) A method to form bonding pad openings that prevent tape residue in the manufacture of an integrated circuit device comprising:

providing a semiconductor substrate;

5 providing a metal layer overlying said semiconductor substrate;

depositing a passivation layer overlying said metal layer;

depositing an organic photoresist layer overlying said
10 passivation layer;

patterning said organic photoresist layer to expose
said passivation layer in areas overlying said metal layer
where said bonding pad openings are planned;

reflowing said organic photoresist layer to create
15 gradually sloping sidewalls on said organic photoresist
layer wherein said reflowing is performed at a temperature
of between 140 degrees C and 200 degrees C for a duration
of between 3 minutes and 15 minutes;

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20 etching through said passivation layer not covered by
said passivation layer to form said bond pad openings with
gradually sloping sidewalls;

stripping away said organic photoresist layer;

applying a protective tape overlying said passivation
layer and said bond pad openings; and

25 removing said protective tape wherein said gradually
sloping sidewalls on said passivation openings allow the
protective tape to be completely removed without leaving
adhesive residue and wherein said removing is by use of a
peeling tape in the manufacture of the integrated circuit
30 device.

Claim 19 has been amended as follows: